

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DE2004/001536A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F15B11/16 F15B21/08 E02F9/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F15B E02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category [°]	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 630 317 A (AKUSHICHI SHUKI ET AL) 20 May 1997 (1997-05-20) column 20, line 20 – column 24, line 44; figure 12	1-11
X	EP 1 099 856 A (HITACHI CONSTRUCTION MACHINERY) 16 May 2001 (2001-05-16) paragraph '0027! – paragraph '0030!	1,3,5,6, 8-10
A	DE 199 04 616 A (MANESMANN REXROTH AG) 10 August 2000 (2000-08-10) cited in the application column 2, line 31 – column 2, line 37	1

 Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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Date of the actual completion of the international search 22 November 2004	Date of mailing of the international search report 30/11/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Toffolo, O

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